

**ATTACHMENT C  
REQUIREMENTS FOR  
PRELIMINARY GROUNDWATER DEPTH ASSESSMENT  
WORKPLAN AND REPORT**

Prior to the field investigation, the Dischargers shall submit a workplan containing, at a minimum, the information listed in Section 1 below. The work may proceed after staff approves the workplan. Upon completion of the field exploration, the Dischargers shall submit a report that includes the information contained in Section 2 below. All workplans and reports must be prepared under the direction of, and signed by, a registered geologist or civil engineer licensed by the State of California.

**SECTION 1 - Preliminary Groundwater Depth Assessment Workplan**

The workplan shall contain the following minimum information:

- A. General Information:
  - Purpose of the project
  - Brief description of local geologic and hydrogeologic conditions
  - Proposed drilling location(s) and rationale for selection
  - Topographic map showing facility location, roads, all existing on-site wells, proposed exploratory boring, surface drainage courses, surface water bodies
- B. Drilling Details:
  - County permit
  - On-site supervision of drilling
  - Description of drilling equipment and techniques
  - Equipment decontamination procedures
  - Soil sampling intervals (if appropriate) and logging methods
  - Procedure for determining whether the boring intersects the shallow water table
  - Procedure for abandoning the boring
- F. Schedule for completion of field work

**SECTION 2 - Preliminary Groundwater Depth Assessment Report**

The report must provide the information listed below. In addition, the report must also clearly identify, describe, and justify any deviations from the approved workplan.

- A. General Information:
  - Purpose of the project
  - Brief description of local geologic and hydrogeologic conditions encountered during drilling
  - County boring and abandonment permit (if required)
  - Topographic map showing facility location, roads, all existing on-site wells, exploratory boring location(s), surface drainage courses, surface water bodies
- B. Drilling Details (in narrative and/or graphic form):
  - On-site supervision of drilling and well installation activities
  - Drilling contractor and driller's name
  - Description of drilling equipment and techniques
  - Equipment decontamination procedures

Soil sampling intervals and logging methods

Well boring log

- Well boring number and date drilled
- Borehole diameter and total depth
- Total depth of open hole (same as total depth drilled if no caving or back-grouting occurs)
- Depth to first encountered groundwater and stabilized groundwater depth
- Detailed description of soils encountered, using the Unified Soil Classification System

C. Boring abandonment procedures